

DENSO

DENSO Spark Plugs

| Discovering DENSO Technology

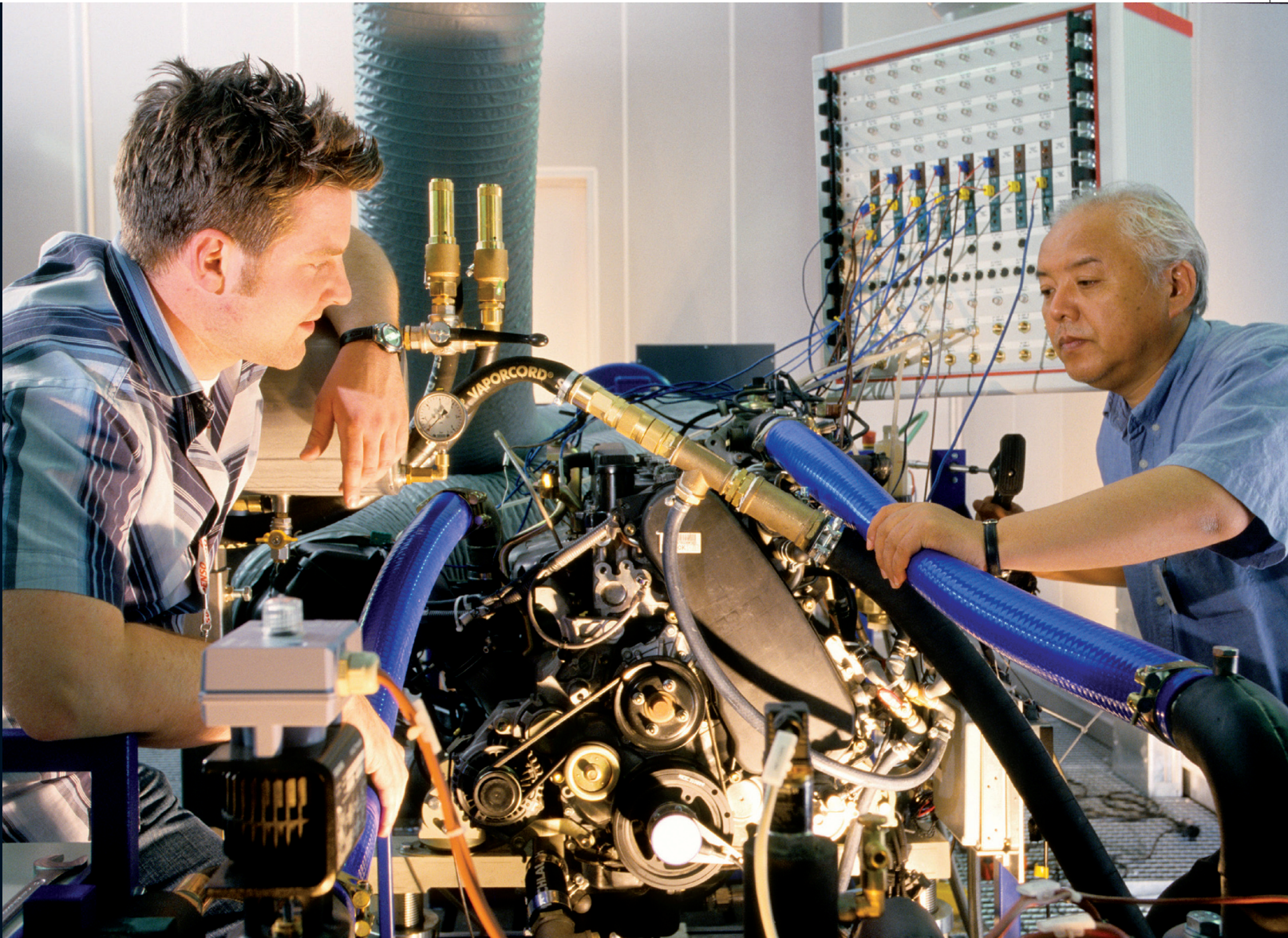


Driven by
Quality

Introduction

About this Publication

This Spark Plug Manual from DENSO Aftermarket Europe aims to provide distributors, wholesalers and end-users with everything you need to know about our unique, OE specification spark plugs. From technical data and application guides to case studies and visuals about each range, you'll have all the information you require.



DENSO Spark Plugs

DENSO has been setting the standard for spark plug technology since 1959. We develop all of our ranges in-house, and manufacture them in our own QS 9000 and ISO 9000 certified factories worldwide – with ‘zero defects’ as standard. We also provide this outstanding OE quality to the aftermarket. Including Standard, Platinum and Iridium, DENSO Spark Plugs cover a complete range of continually updated references. Guaranteeing optimum engine performance, choose DENSO Spark Plugs for every automotive, motorcycle, marine and small engine application.

Product Range

- Standard**
 - > Copper glass seal helps heat dissipation
 - > Standard U-groove
 - > Deeply inserted copper core
 - > Heat resistant nickel plating
- Double Platinum (Longlife), Single Platinum (Zu)**
 - > Improved, more reliable start
 - > More complete combustion (lower emissions)
 - > Improved ability to overcome tuning imperfections
 - > Superior throttle response and acceleration
 - > Race proven technology
- Iridium Longlife, Iridium Tough, Iridium Power**
 - > Superb ignitability
 - > Low required voltage
 - > Better acceleration response and operational stability
 - > Lower fuel consumption
 - > Longer lifetime
- IRIDIUM RACING**
 - > F1 technology
 - > Ultimate acceleration
 - > High reliability
 - > Boosted performance

Type	Standard	Platinum		Iridium				
	Standard	Single Platinum	Double Platinum Type	Iridium OEM Type ⁵	Iridium Long Life Type ⁵	Iridium Power	Iridium Tough	Iridium Racing
U-groove	+ 1	+	-	-	-	+ 2	-	-
Tapered cut ground electrode	some types ³	+	-	-	-	+ 2	-	-
Material ground electrode	Normal	Normal	Platinum tipped	Platinum tipped	Platinum tipped	Normal	Platinum tipped	Full platinum
Centre electrode	2,5 mm	0,7 mm	1,1 mm	0,7 mm	0,4 mm	0,4 mm	0,4 mm	0,4 mm ⁴
Available heat range	9 - 27	14 - 34	16 - 22	16 - 22	16 - 27	16 - 34	16 - 24	24 - 35
Resistor	Most types	Most types	All types	All types	All types	All types	All types	All types
High performance	+	+++	++	++++	++++	+++++	+++++	+++++
Fuel saving	Good	Better	Better	Best	Best	Best	Best	-
Life time	Standard	Standard	Long life	Long life	Long life	Standard	Long life	For racing only

1 Spark plug types without a 'U' in the type name do not have a U-groove
2 Not applicable to IU24A, IU27A, IU31A, IUF27A and IUF31A
3 Spark plug types with a 'Z' in the type name have a tapered cut ground electrode
4 Except for surface gap types
5 OEM Types, only for specific vehicles

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